

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An ~~apparatus~~ Apparatus for producing a stereoscopic image comprising:  
display means for displaying two sub-images spaced from one another at a first distance along an X-axis and a second distance along a Z-axis so as to render the stereoscopic an image; and  
~~user control means for controlling a single user control operative to adjust the first and second distances two of the stereoscopic parameters of the image displayed by the display means, so that wherein at least the first distance of the stereoscopic image displayed on the display means is adjusted based on to correspond to a distance between eyes of a user[[:]]~~ said user control means being a single control.
2. (Currently Amended) ~~The apparatus~~ Apparatus according to claim 1, ~~said apparatus further comprising image deflection means a plurality of image-deflecting lenticules overlying said display means, the display means being configured with an array of display elements arranged in a plurality of columns and rows so that the axes of the lenticules extend transversely to the columns and rows of the display elements.~~
3. (Currently Amended) ~~The apparatus~~ Apparatus according to claim ~~[[2]]~~ 1, wherein said ~~image deflection means is a lenticular screen~~ single user control is further configured to adjust the stereoscopic image based on a user distance from the display means.
4. (Canceled)
5. (Currently Amended) ~~The apparatus~~ Apparatus according to claim 1, wherein said single

control is a knob.

6. (Currently Amended) ~~The apparatus Apparatus~~ according to claim 1, wherein said single control is an icon.

7. (Currently Amended) ~~The apparatus Apparatus~~ according to claim 1, said apparatus further comprising a remote device communicating with said single user control ~~means~~.

Claim 8 (Canceled)

9. (Currently Amended) ~~The apparatus Apparatus~~ according to claim 1, wherein ~~the~~ [[a]] stereoscopic parameters first distance is ~~the~~ a perceived depth of the stereoscopic image.

10. (Currently Amended) ~~The apparatus Apparatus~~ according to claim 1, wherein ~~the~~ [[a]] stereoscopic parameters second distance defines is ~~the~~ he a perceived position of the stereoscopic image relative to the display means.

11. (Currently Amended) ~~The apparatus Apparatus~~ according to claim 9, wherein said apparatus is arranged so that when said single user control ~~means~~ is at a minimum the perceived depth of the image is at a minimum and as said single user control moves from a minimum to a maximum the perceived depth of the image increases.

12. (Currently Amended) ~~The apparatus Apparatus~~ according to claim 1, wherein said display means is configured as a liquid crystal display.

13.(Currently Amended) A method for producing a stereoscopic image comprising:  
displaying ~~an~~ a first and second sub-image on a display so that the sub-mages are spaced at a first distance along an X-axis and a second distance along a Z-axis to render the stereoscopic image;  
and

controlling ~~two stereoscopic parameters~~ the first and second distances of the stereoscopic image in response to a user input via a single control so that the first distance of the stereoscopic image is adjusted to correspond to ~~based on~~ a distance between eyes of a user.

14. (Currently Amended) ~~The~~ [[A]] method according to claim 13, further comprising  
deflecting the stereoscopic image by a plurality of lenticules overlaying the plurality of display

elements and extending along respective parallel axes transversely to horizontal rows and vertical columns of a plurality of display elements of the display, wherein said image is autostereoscopic.

Claim 15 (Canceled)

16. (Currently Amended) The ~~[[A]]~~ method according to claim 13, wherein the ~~[[a]]~~ ~~stereoscopic parameters~~ first distance provides for is the ~~a~~ perceived depth of the image.

17. (Currently Amended) The ~~[[A]]~~ method according to claim 13, wherein the ~~[[a]]~~ ~~stereoscopic parameters~~ first distance provides for is the ~~a~~ perceived position of the image relative to its display.

18.(Previously Presented) A computer program product, for carrying out method claim 13.

19.(Cancelled)

20.(Currently Amended) The method of claim 13, wherein said ~~two~~ second distance of said ~~stereoscopic parameters are controlled so the~~ image is further adjusted based on a user distance from the display means.

Claim 21. (Cancelled)

22. (New) An apparatus for producing a stereoscopic image comprising:  
a plurality of columns and rows of display elements configured to display a stereoscopic image;

a plurality of lenticules configured to deflect the stereoscopic image and overlaying the display elements, the plurality of lenticules having respective parallel axes extending transversely to the plurality of columns and rows of the display elements; and

a user controller operative to adjust two stereoscopic parameters of the stereoscopic image displayed by the display elements.